

FIG. 1

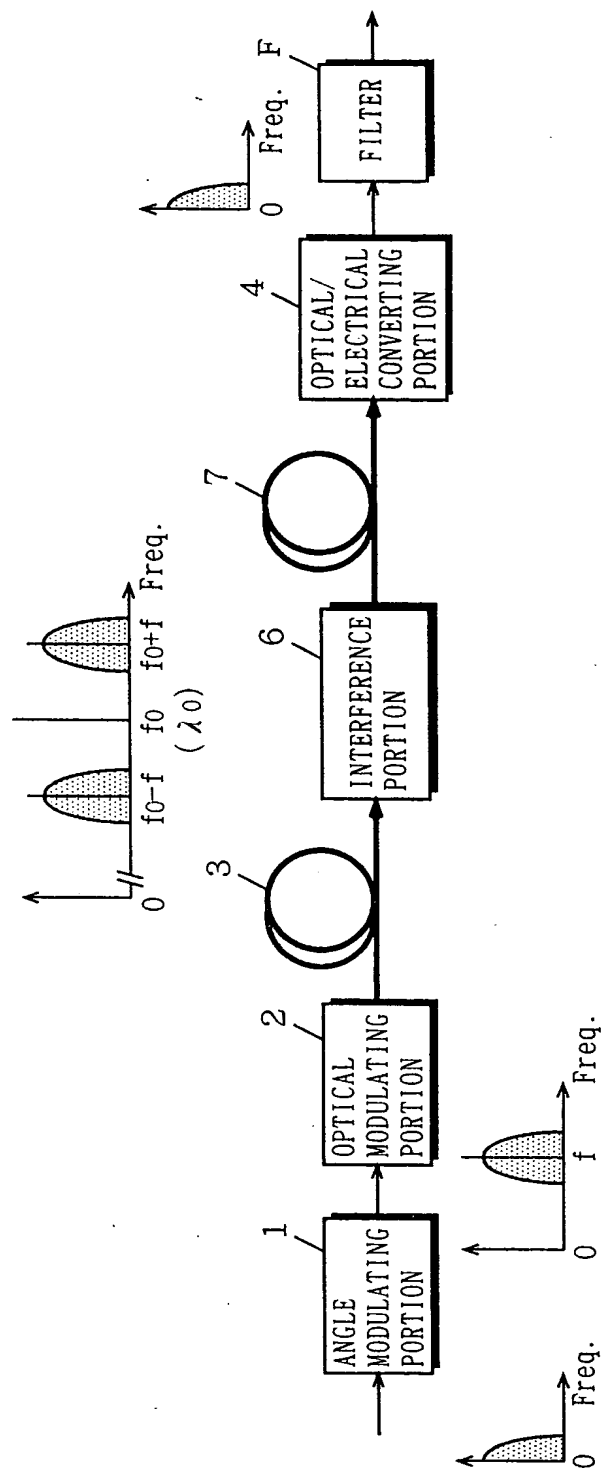


FIG. 2

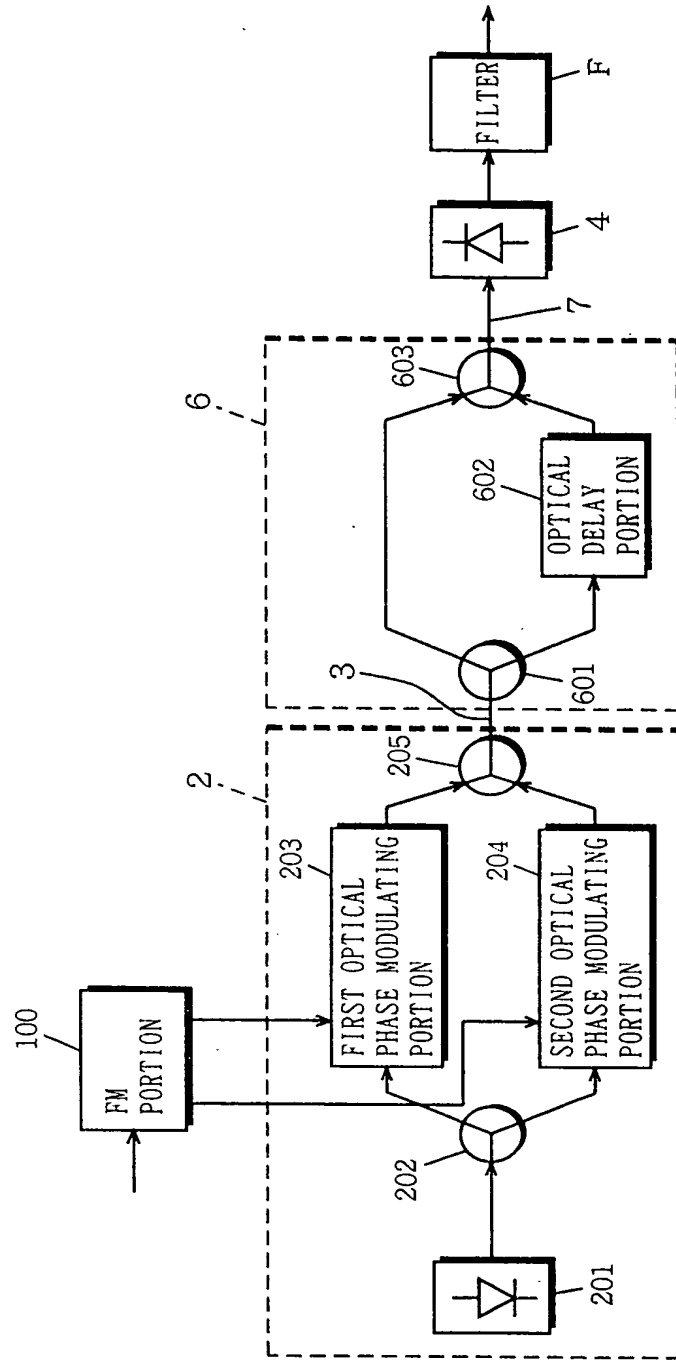


FIG. 3 a

AMPLITUDE
FLUCTUATION
COMPONENT
OF FIRST
OPTICAL
SIGNAL

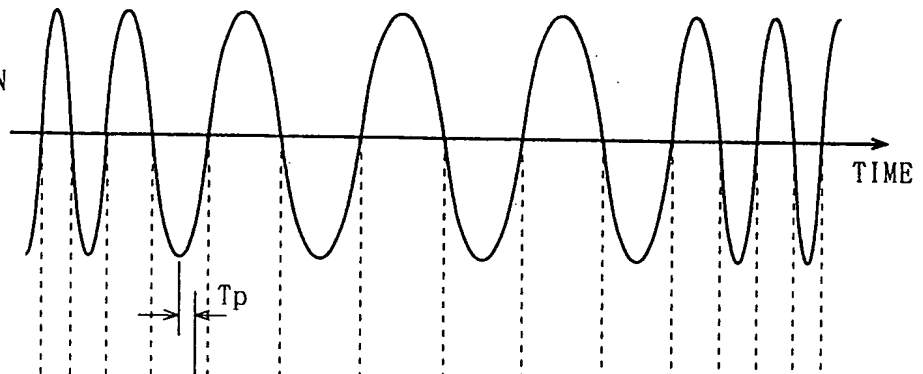


FIG. 3 b

AMPLITUDE
FLUCTUATION
COMPONENT
OF SECOND
OPTICAL
SIGNAL

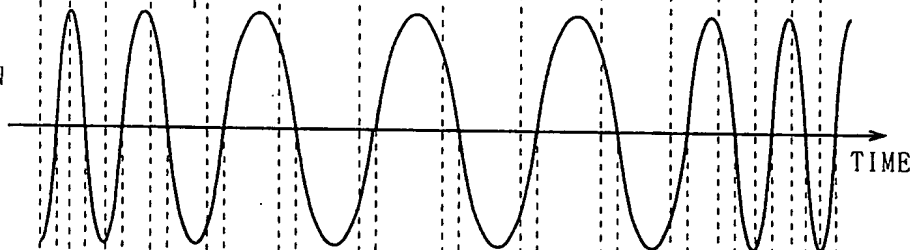


FIG. 3 c

WAVEFORM
OF OPTICAL
CURRENT
OUTPUTTED
FROM
OPTICAL/
ELECTRICAL
CONVERTING
PORTION

$i_o(t)$

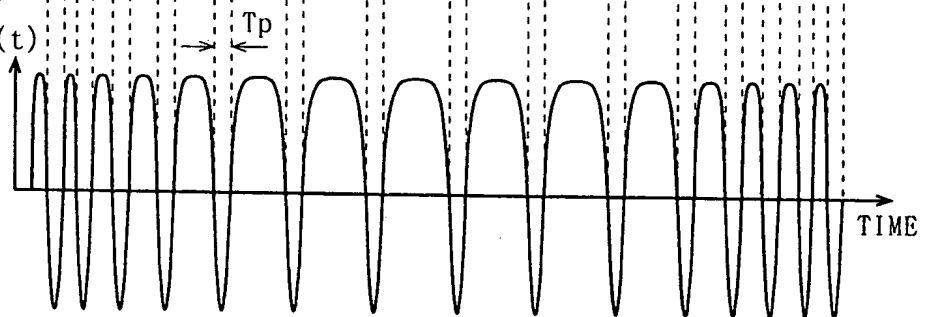


FIG. 4

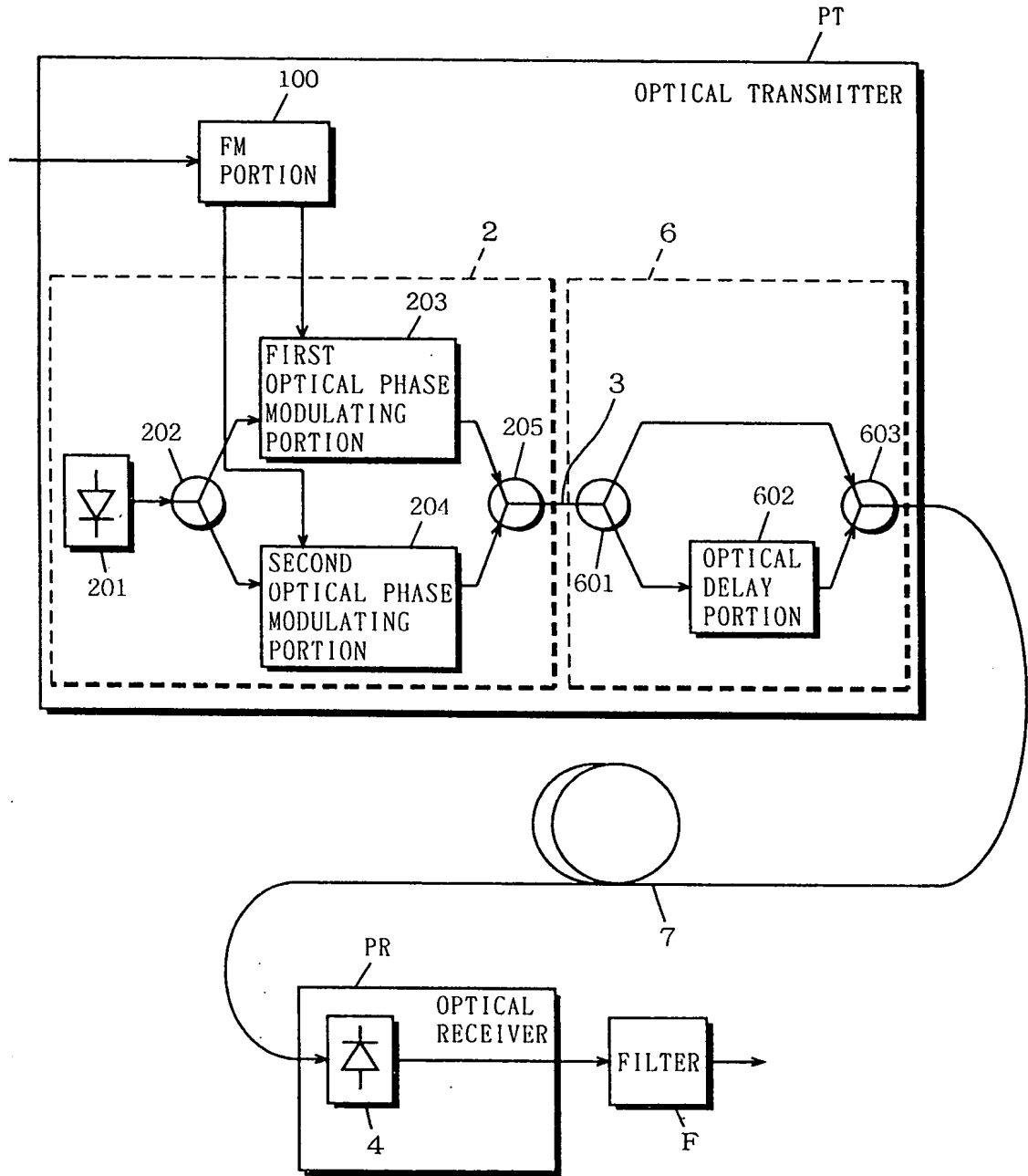


FIG. 5

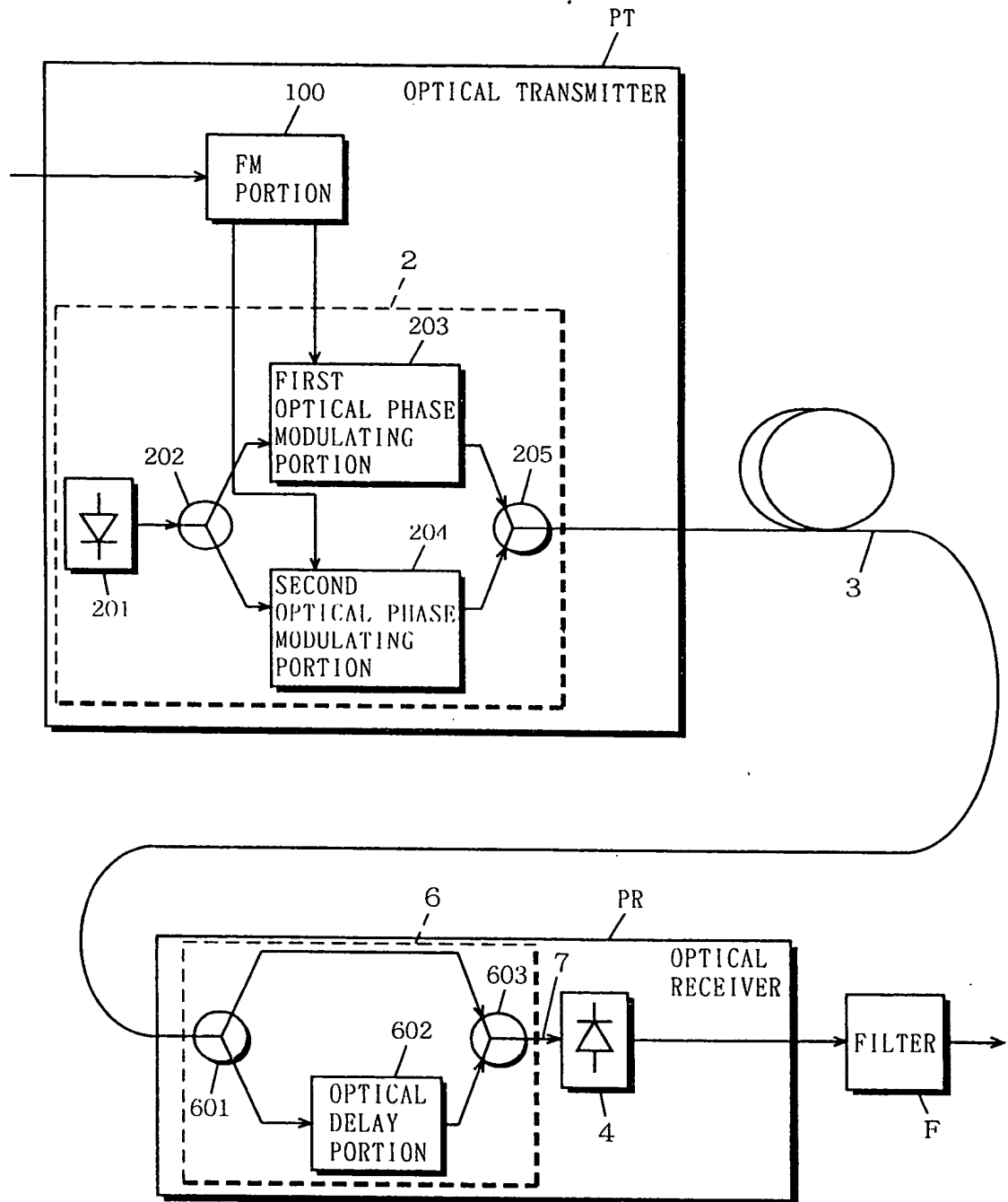


FIG. 6

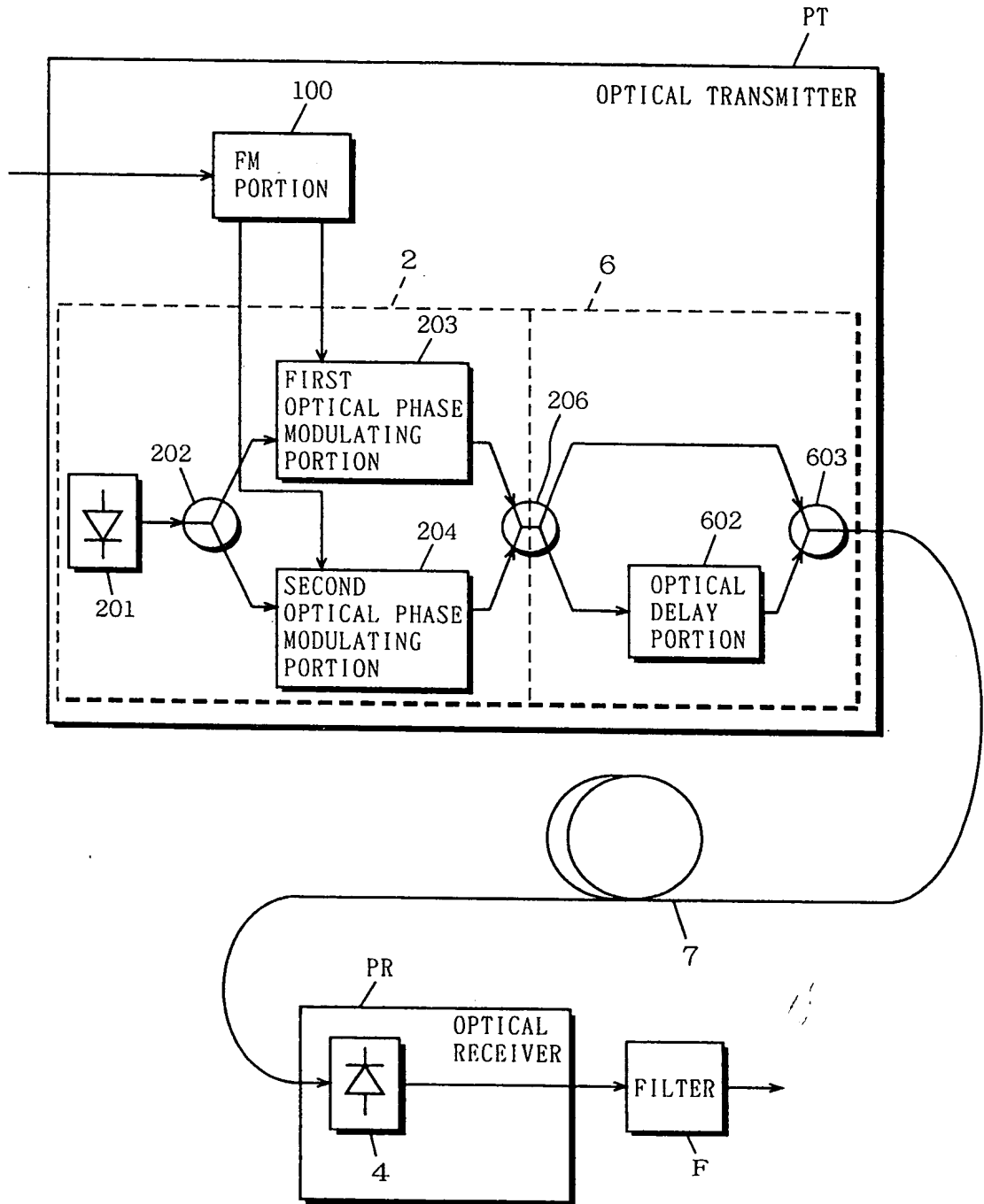


FIG. 7 a

AMPLITUDE
FLUCTUATION
COMPONENT
OF FIRST
OPTICAL
SIGNAL

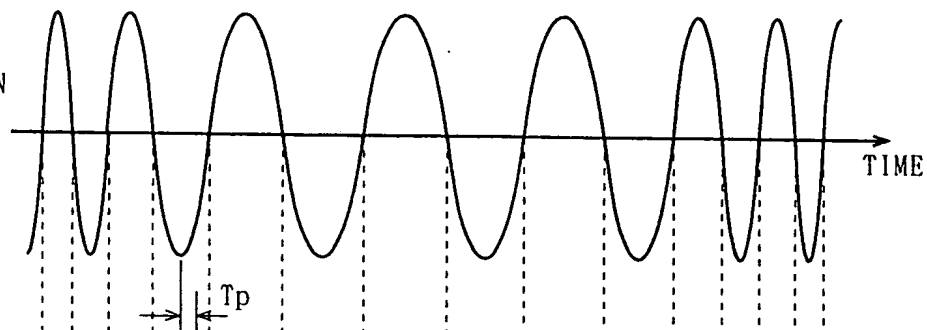


FIG. 7 b

AMPLITUDE
FLUCTUATION
COMPONENT
OF SECOND
OPTICAL
SIGNAL

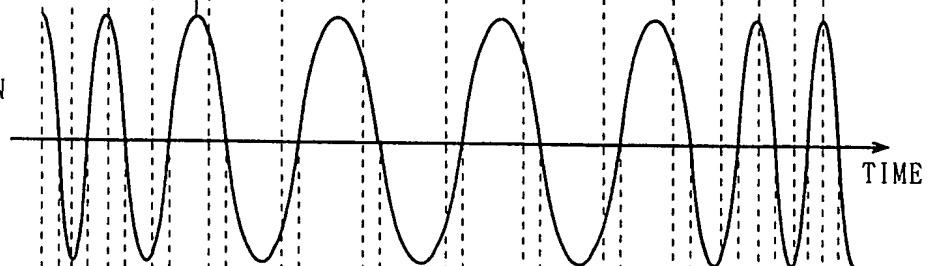


FIG. 7 c

WAVEFORM
OF OPTICAL
CURRENT
OUTPUTTED
FROM
OPTICAL/
ELECTRICAL
CONVERTING
PORTION

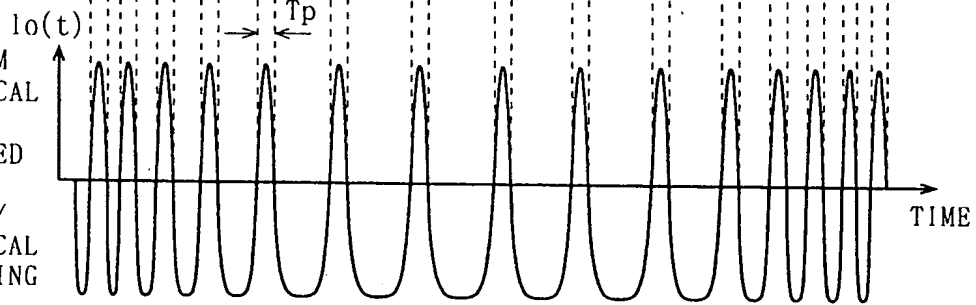


FIG. 8

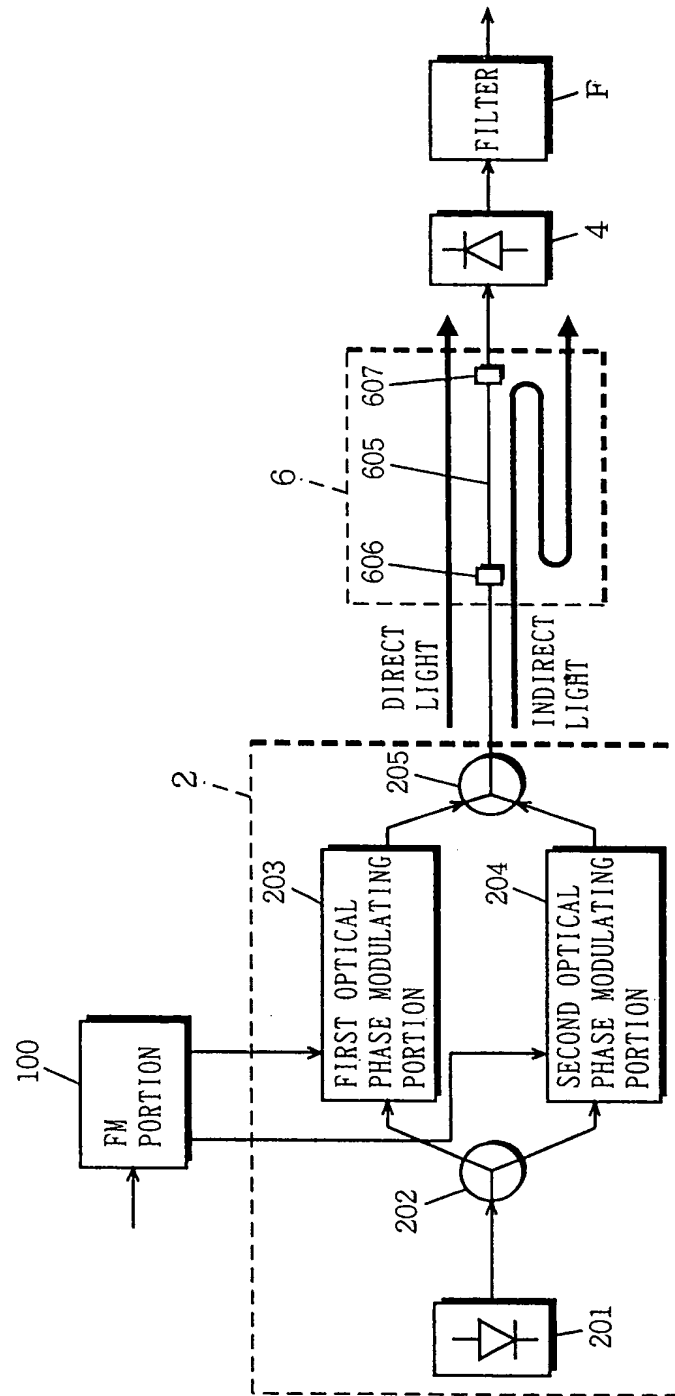


FIG. 9

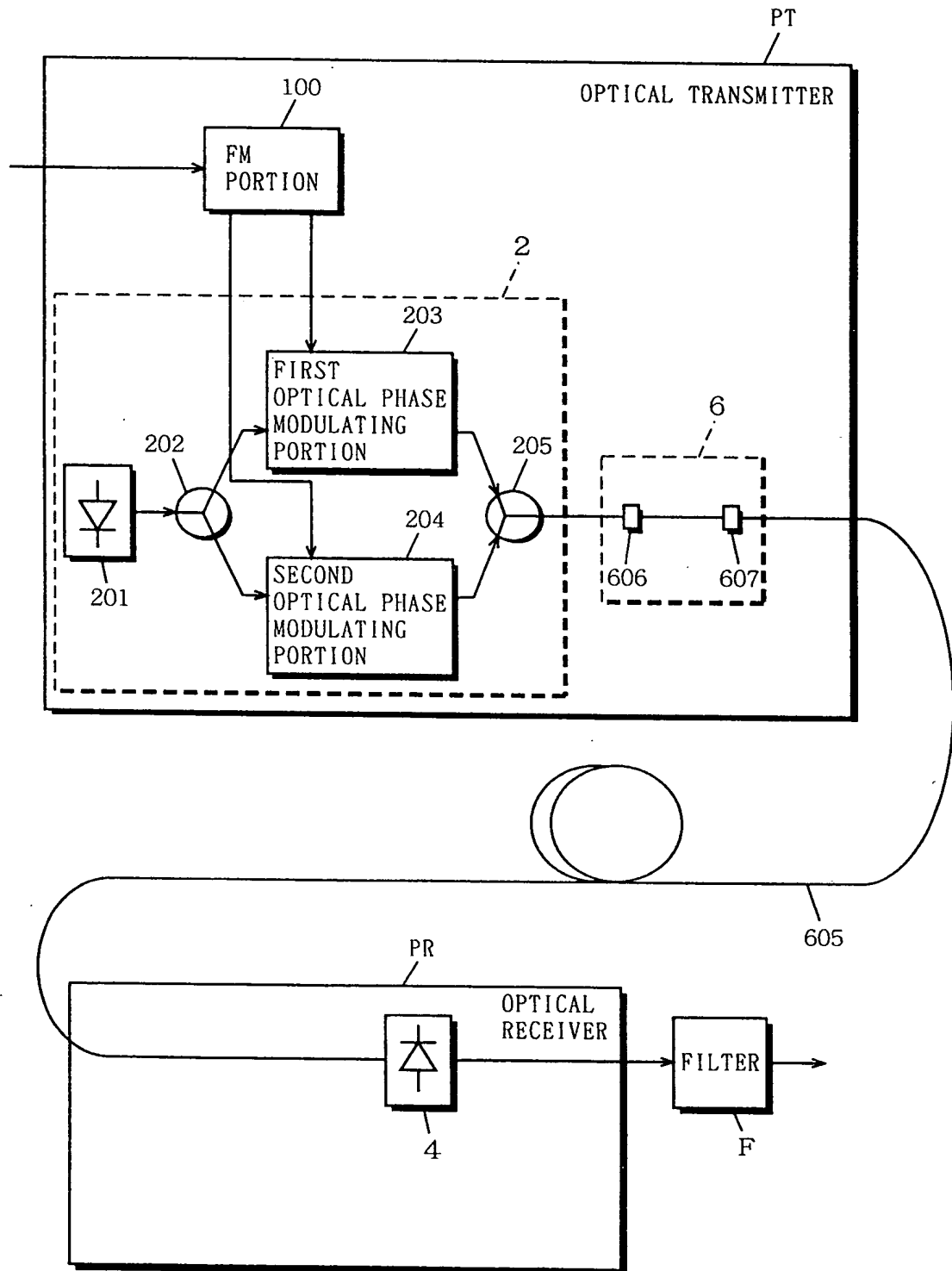


FIG. 10

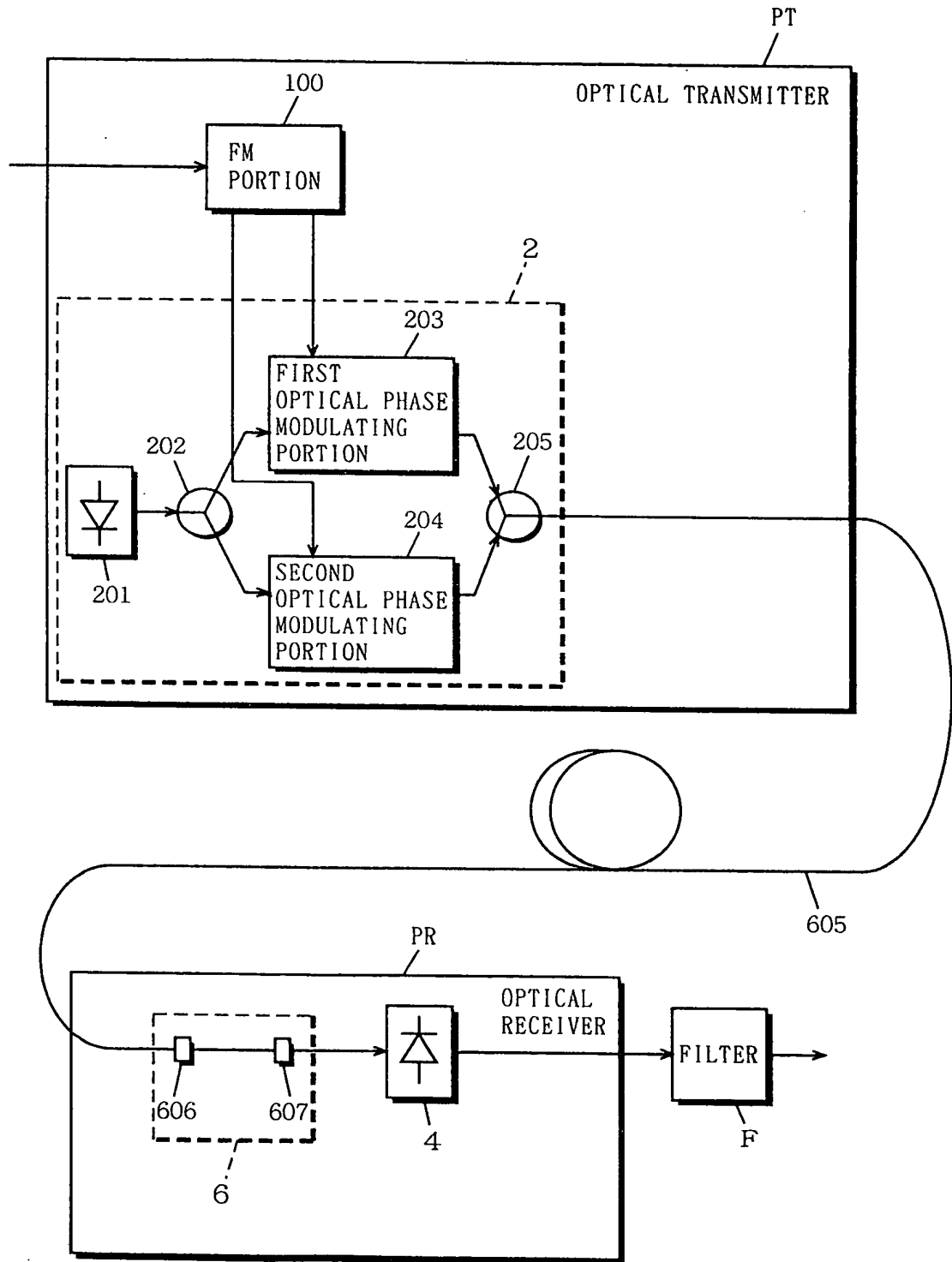


FIG. 11

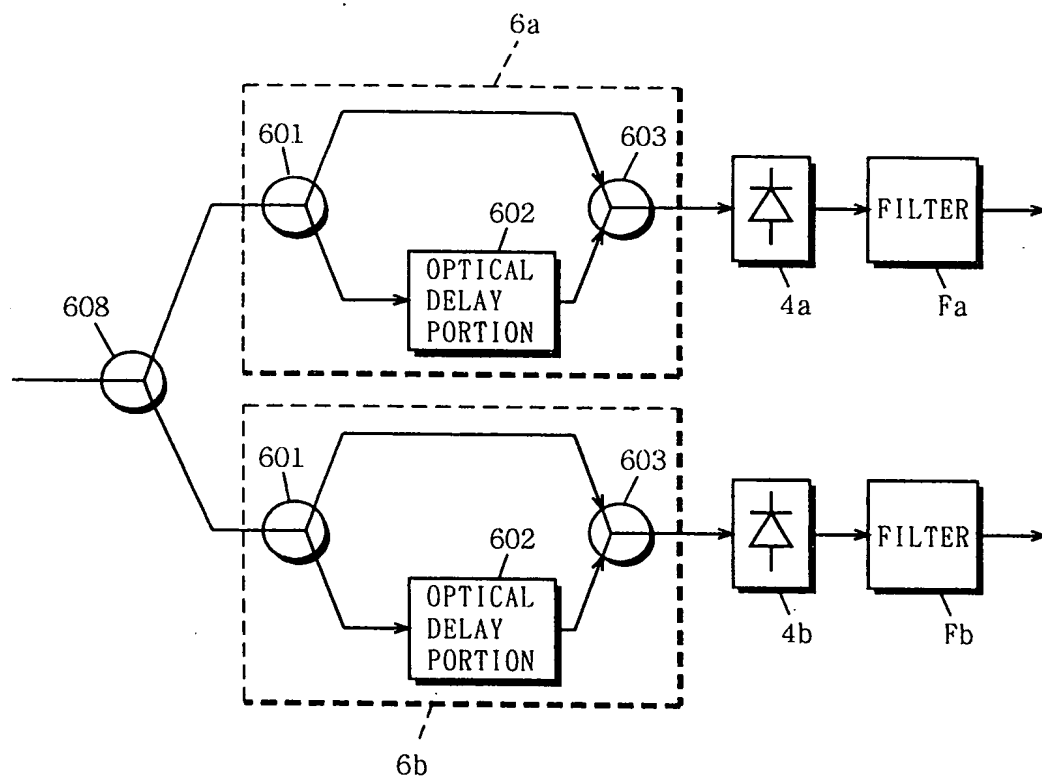


FIG. 12

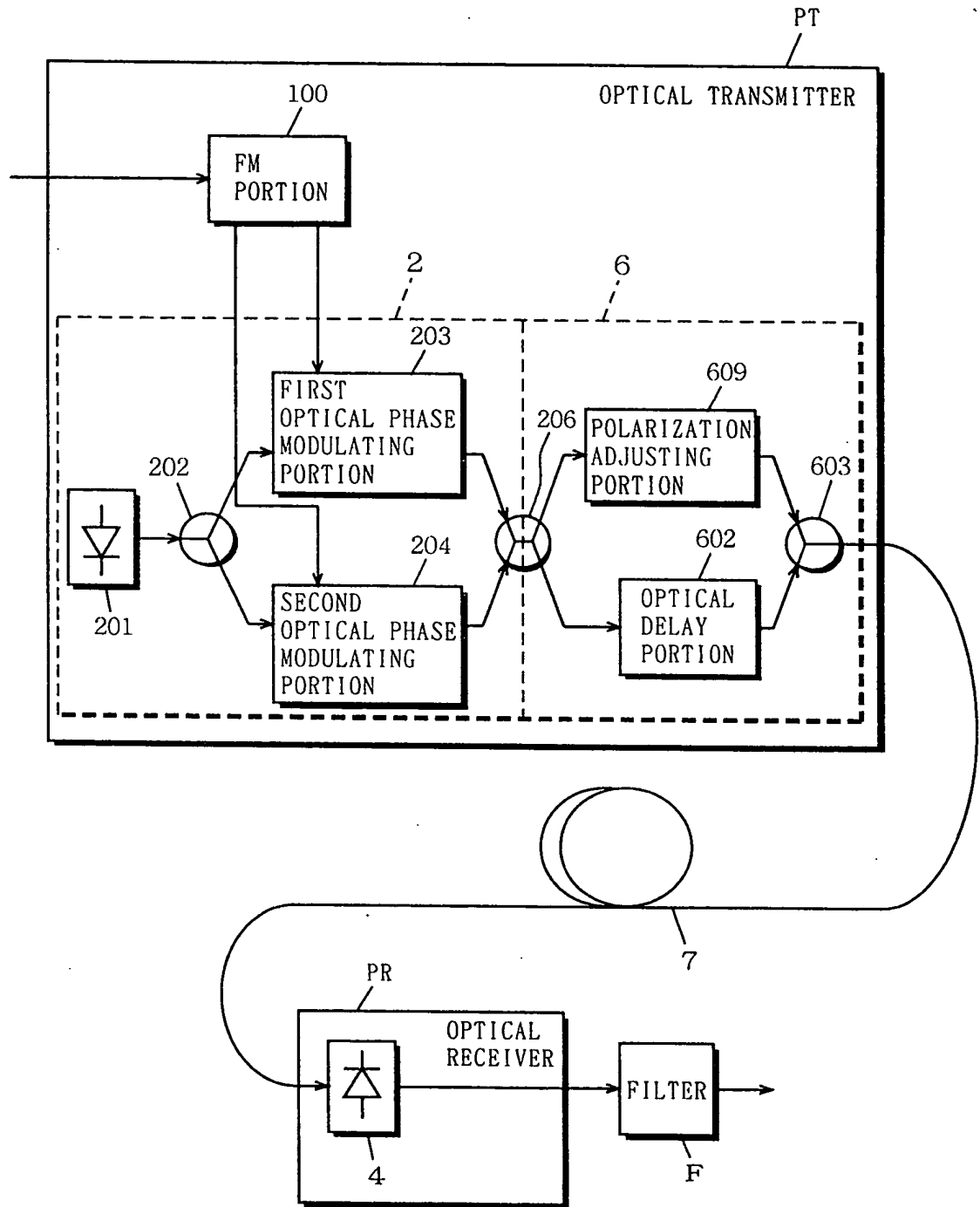


FIG. 13

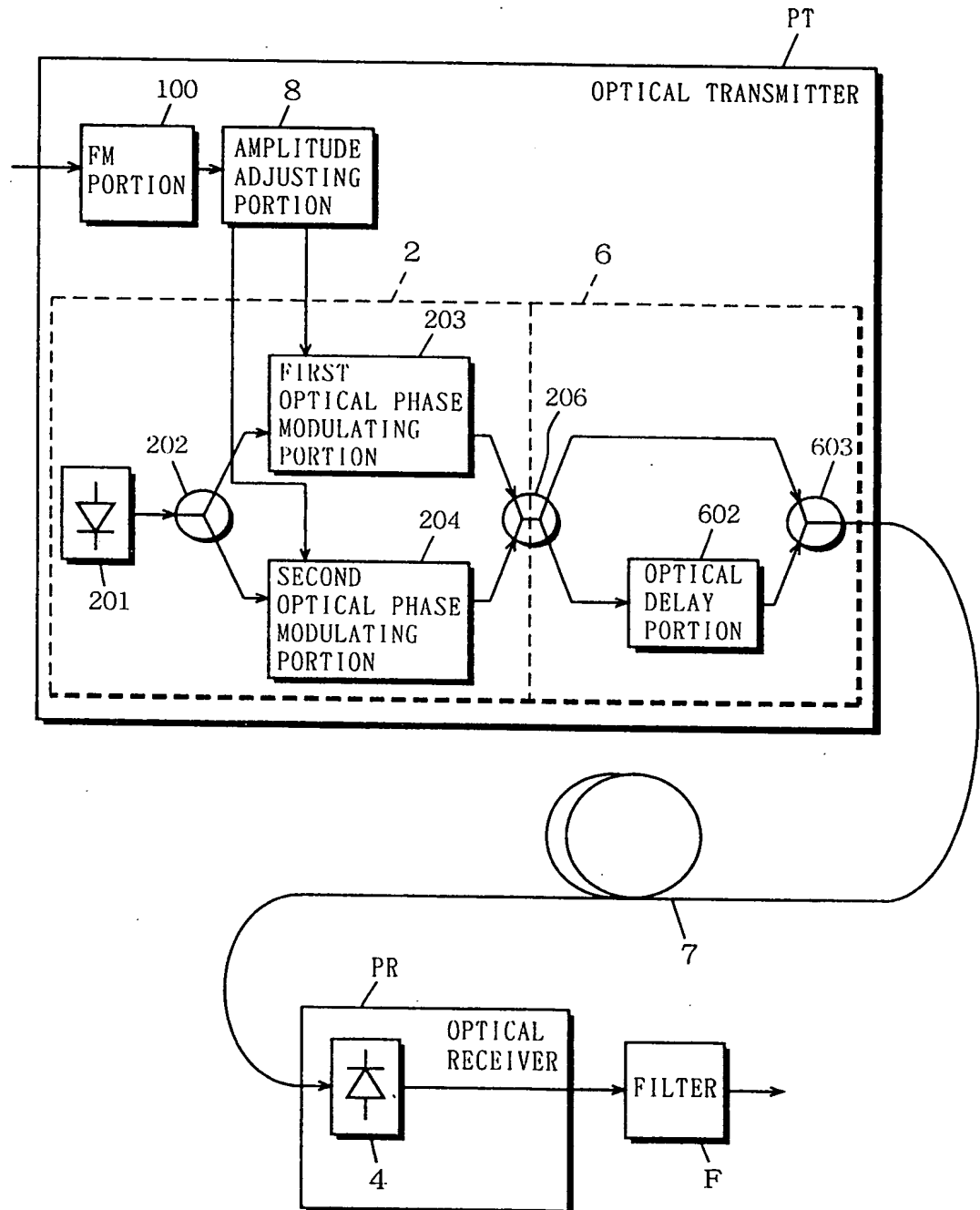


FIG. 14 a

AMPLITUDE
FLUCTUATION
COMPONENT
OF FIRST
OPTICAL
SIGNAL

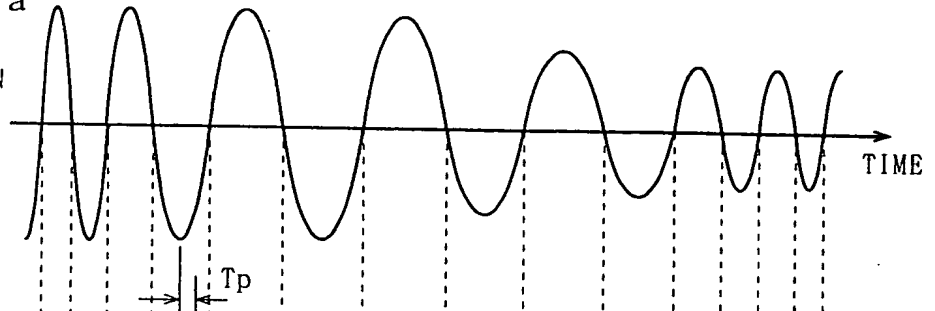


FIG. 14 b

AMPLITUDE
FLUCTUATION
COMPONENT
OF SECOND
OPTICAL
SIGNAL

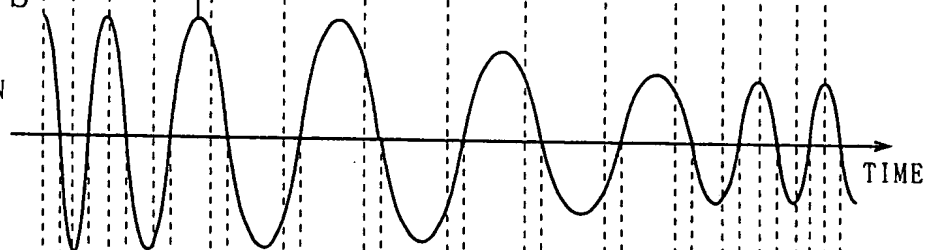


FIG. 14 c

OPTICAL
CURRENT
OUTPUTTED
FROM
OPTICAL/
ELECTRICAL
CONVERTING
PORTION

$I_o(t)$

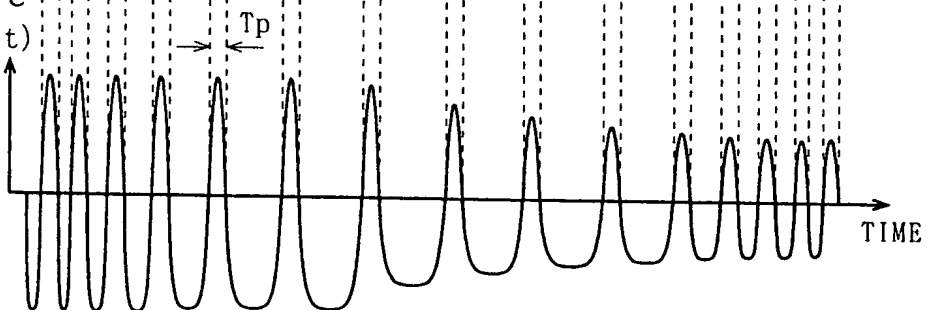


FIG. 14 d

FM
DEMODULATED
SIGNAL

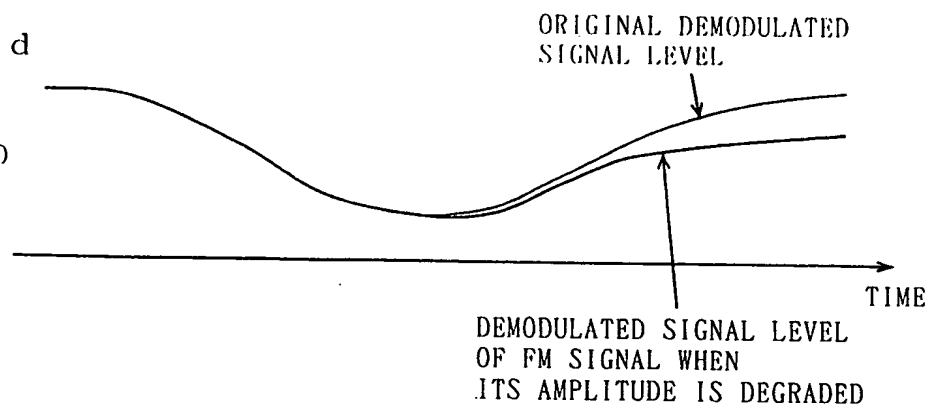


FIG. 15

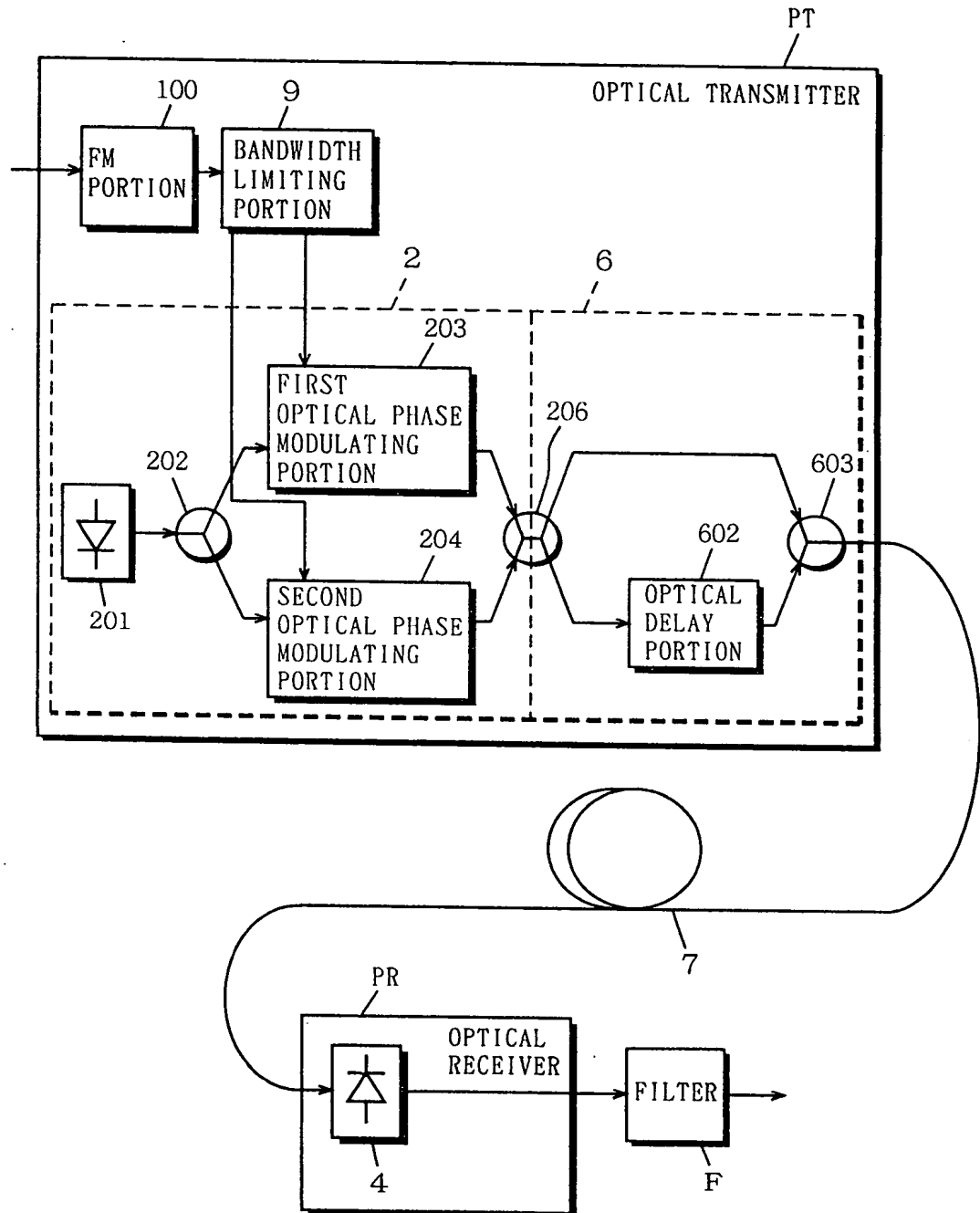


FIG. 16 a

FM SIGNAL OF
WIDE-BAND

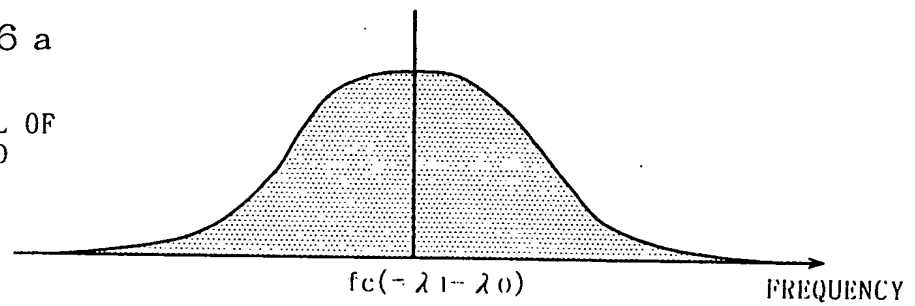


FIG. 16 b

OUTPUTTED
SIGNAL OF
OPTICAL/
ELECTRICAL
CONVERTING
PORTION

DEMODULATED
SIGNAL

RESIDUAL FM SIGNAL
COMPONENT OF WIDE-BAND

INTERFERENCE
LEVEL

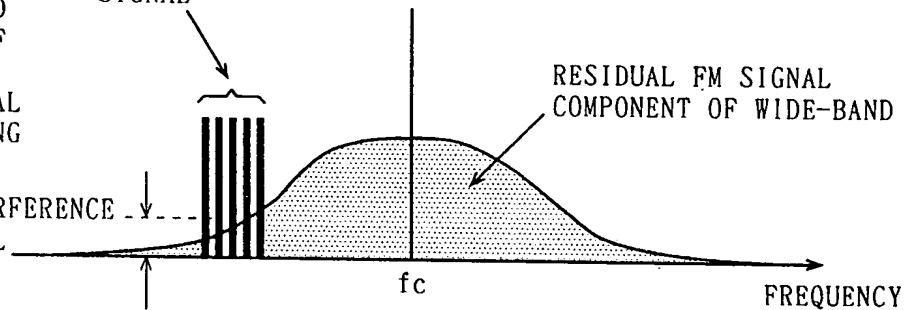


FIG. 16 c

FM SIGNAL
OF LIMITED
WIDE-BAND

LIMITED BANDWIDTH

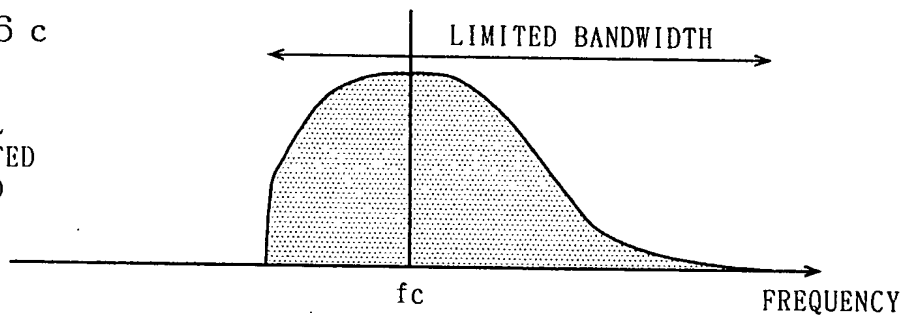


FIG. 16 d

OUTPUTTED
SIGNAL OF
OPTICAL/
ELECTRICAL
CONVERTING
PORTION

DEMODULATED
SIGNAL

RESIDUAL FM SIGNAL
COMPONENT OF WIDE-BAND

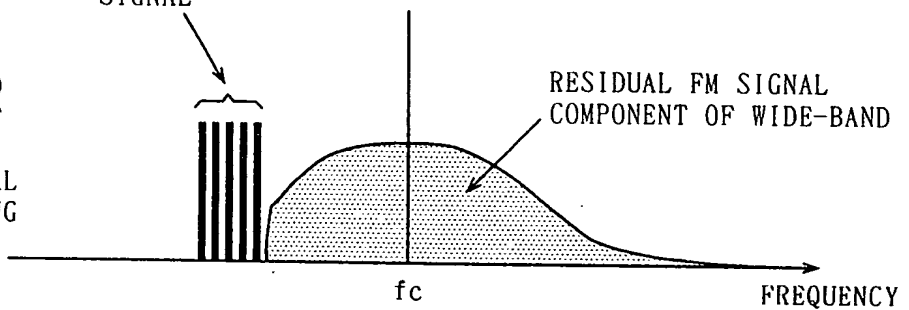


FIG. 17

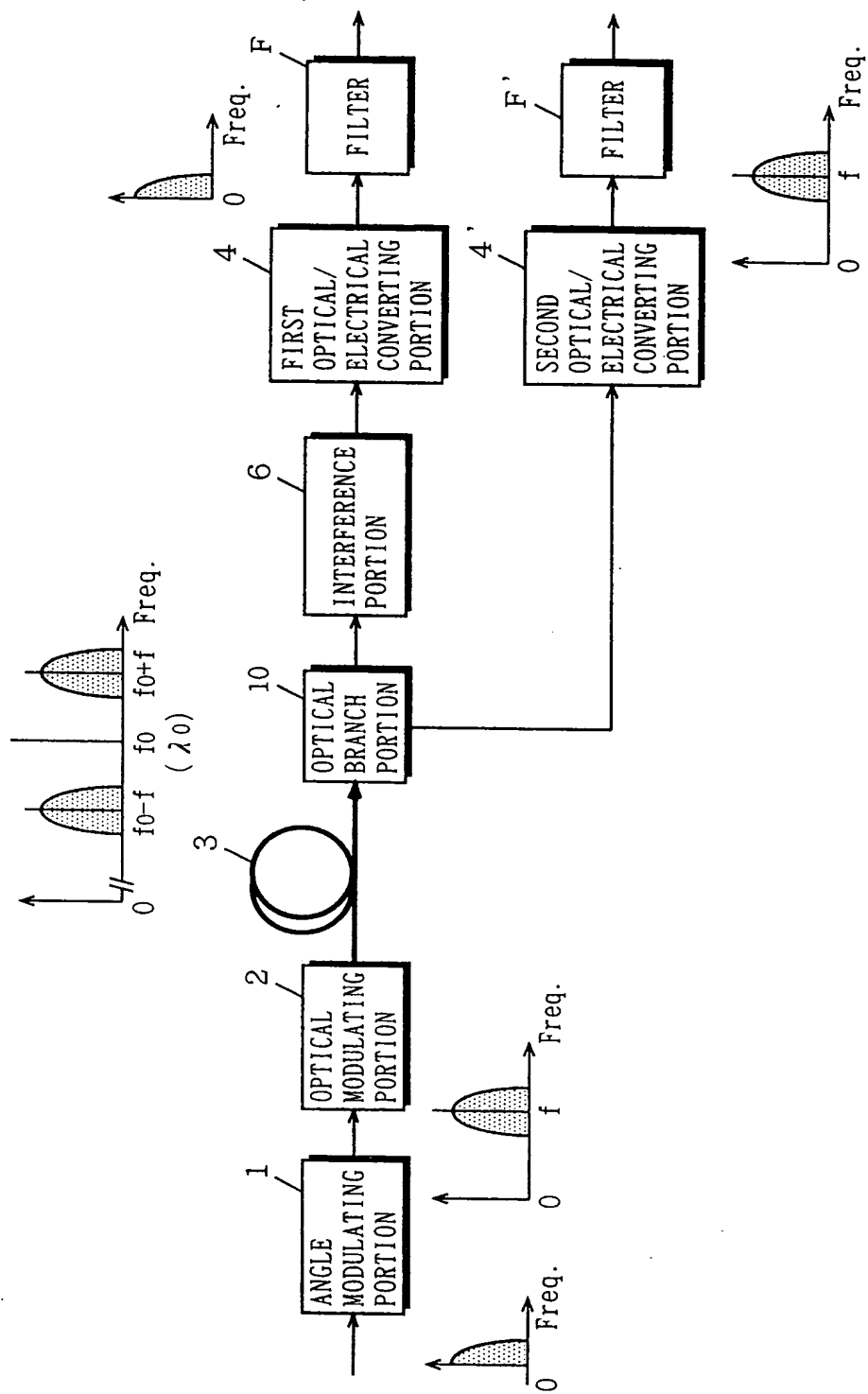


FIG. 18

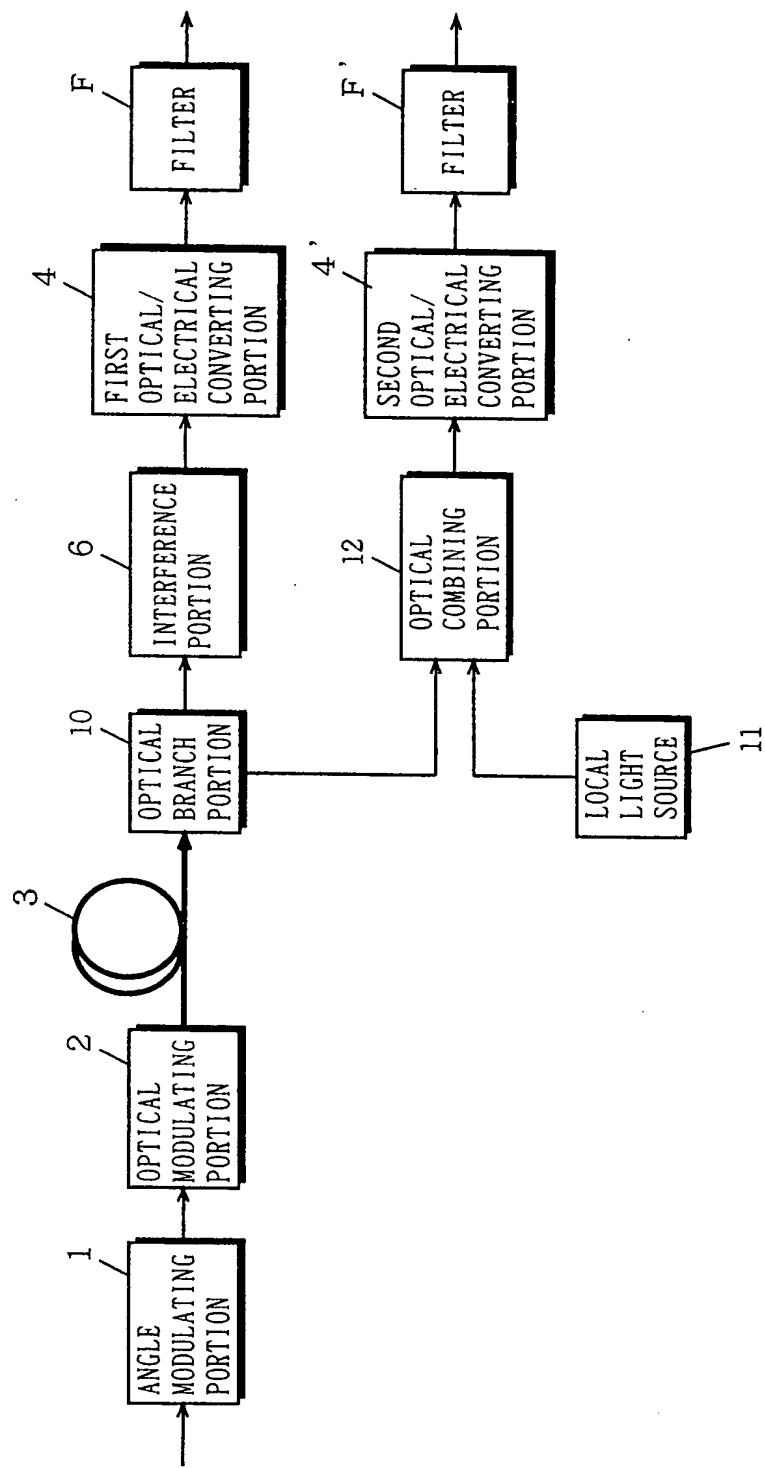


FIG. 19

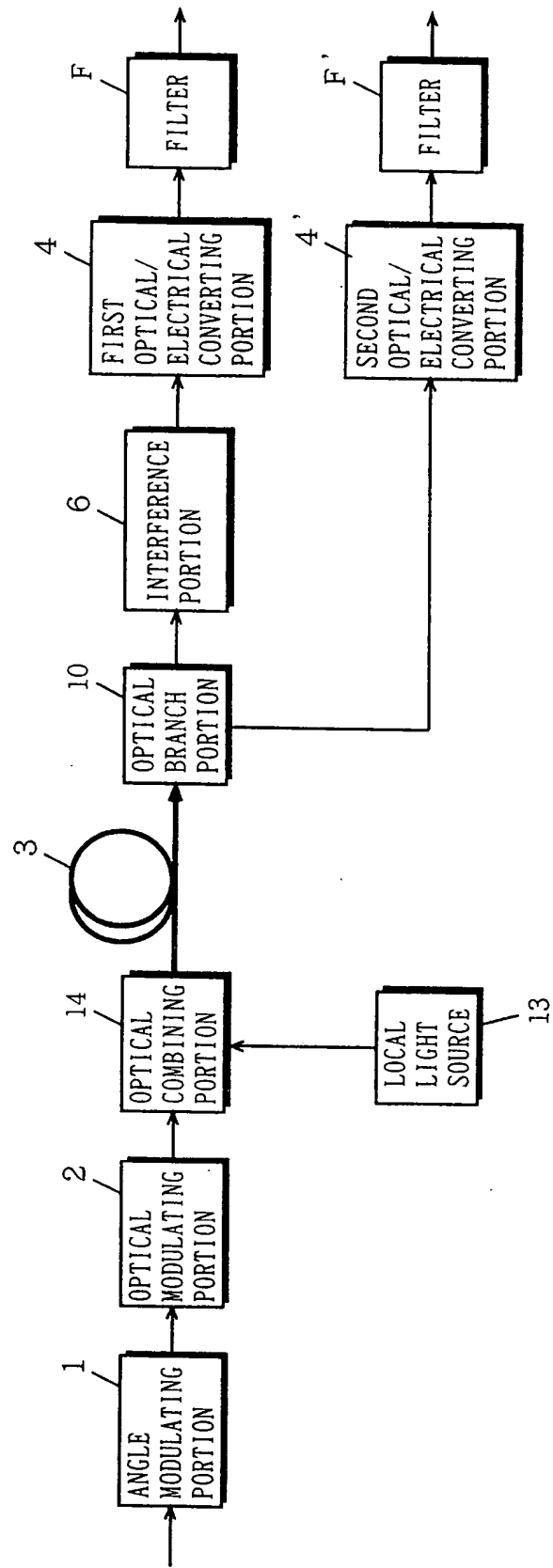


FIG. 20

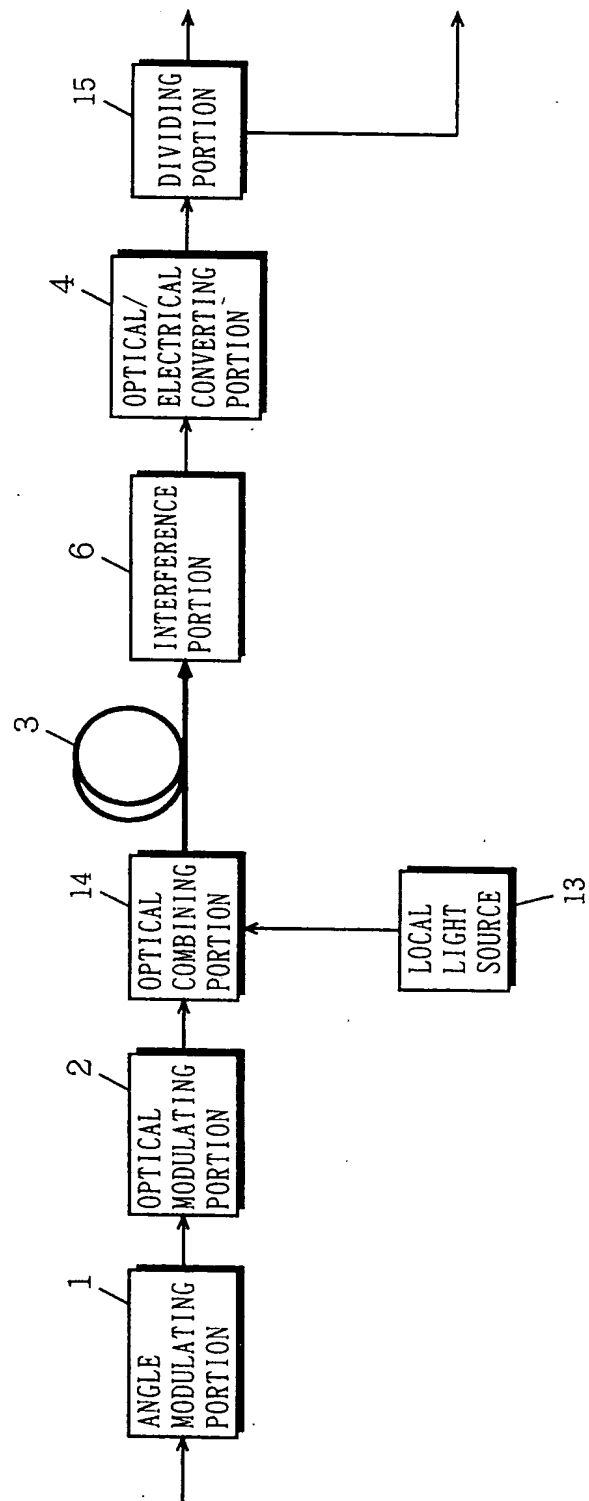


FIG. 21

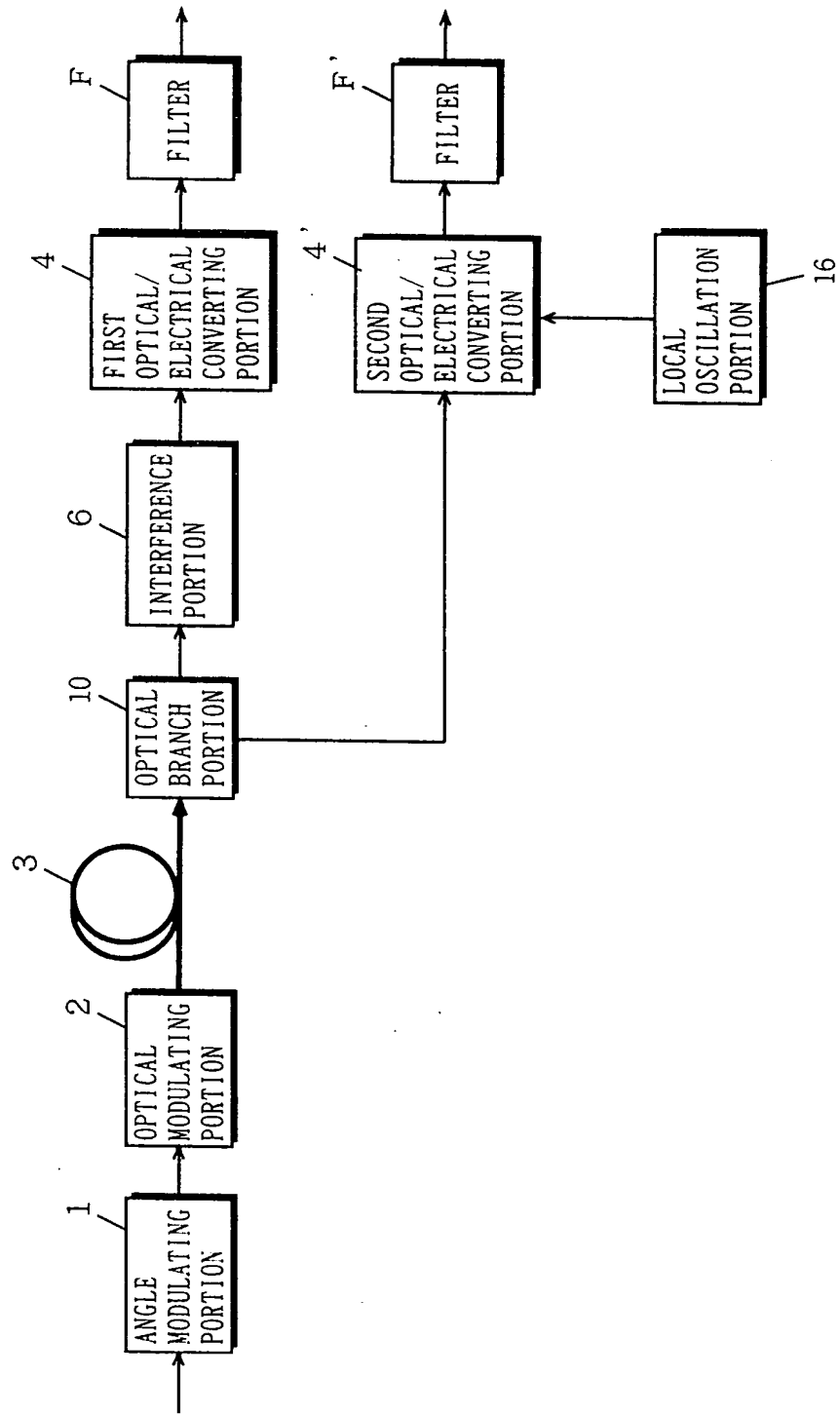


FIG. 22

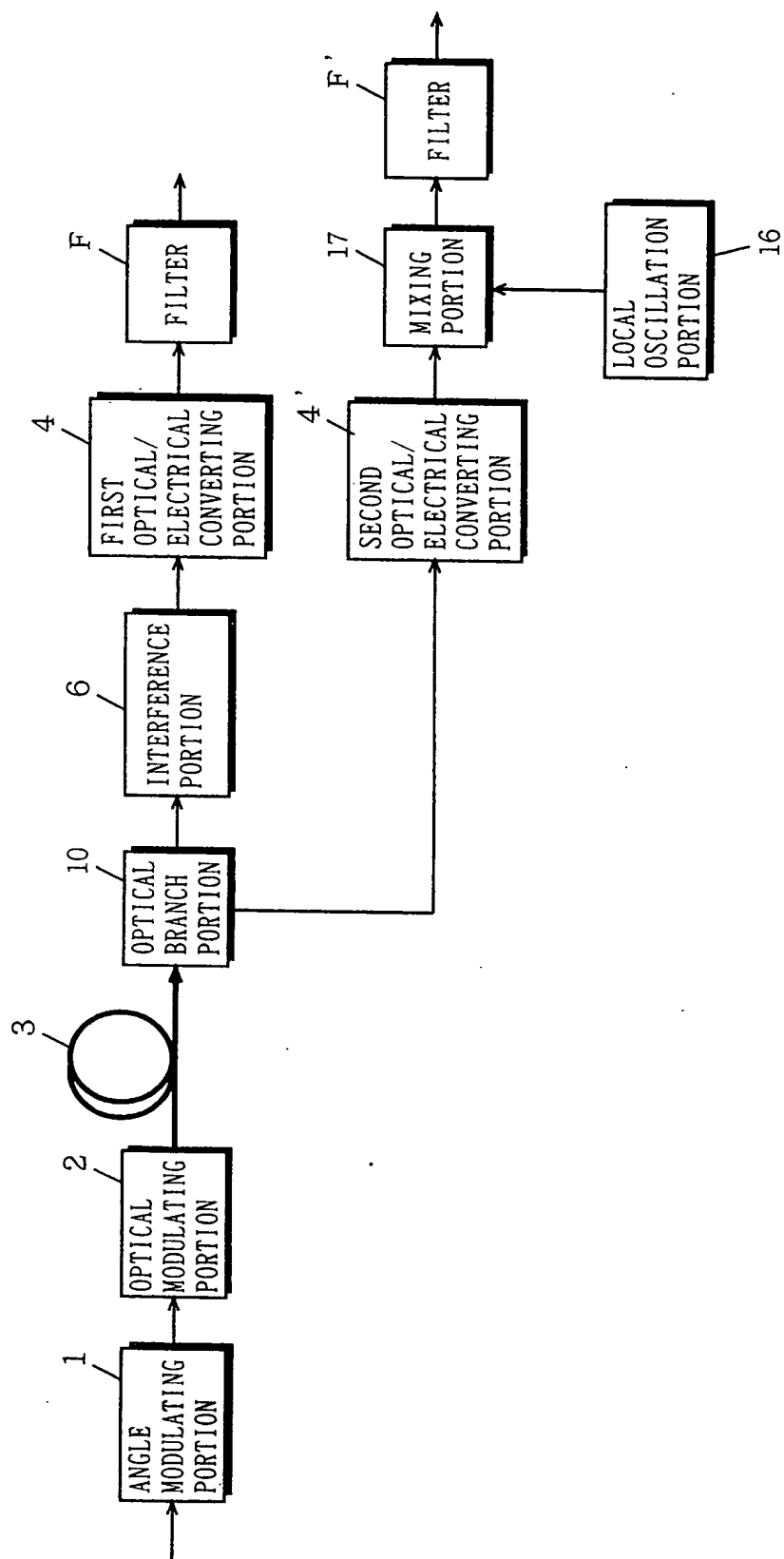


FIG. 23

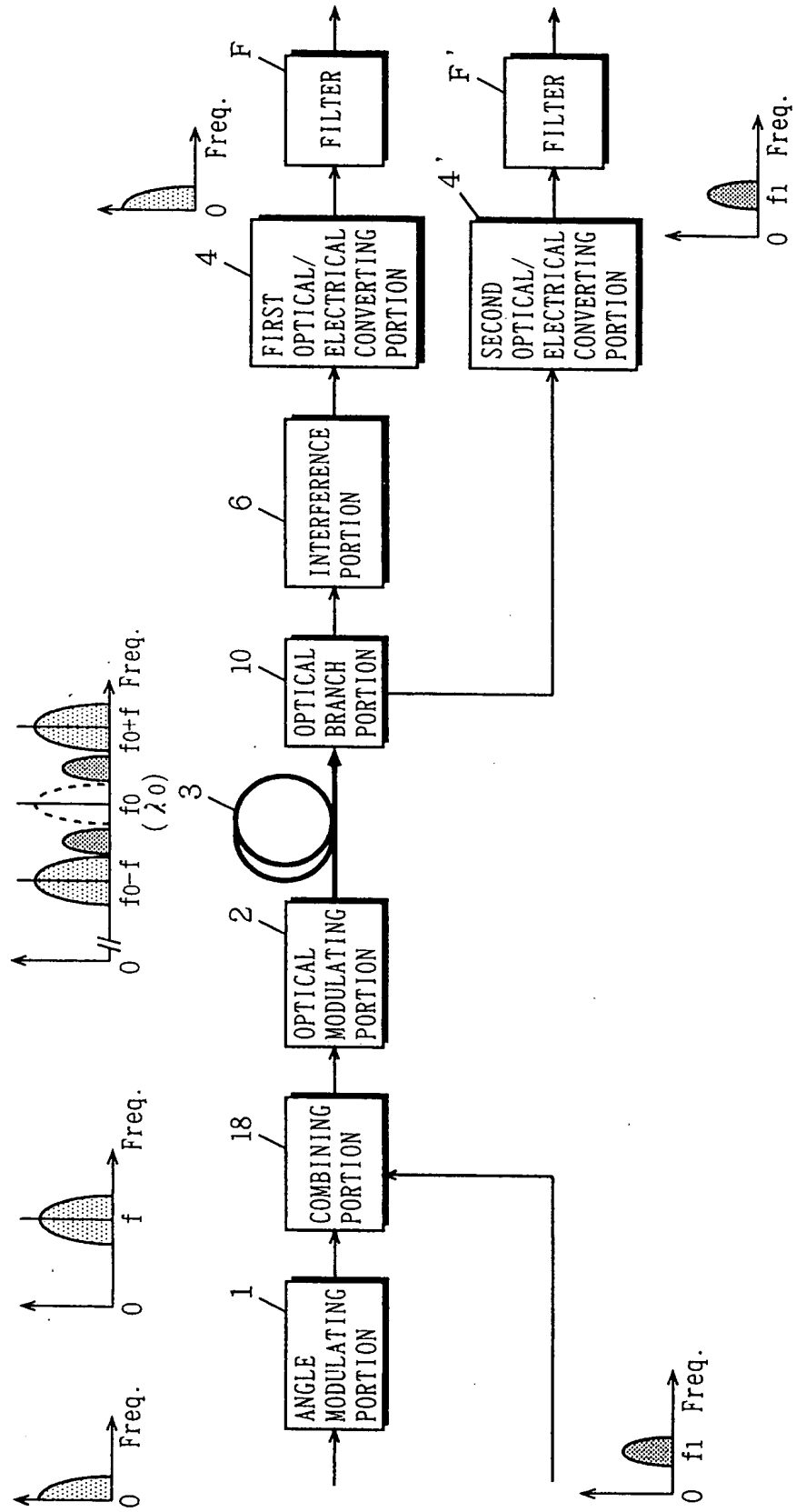


FIG. 24

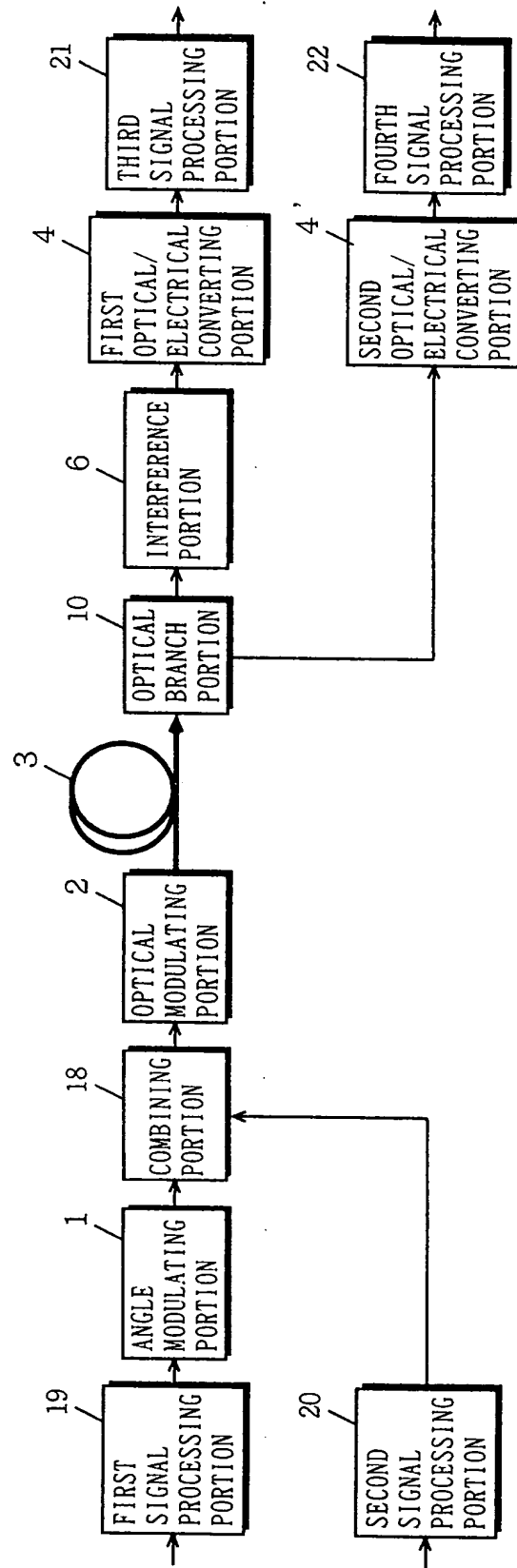


FIG. 25

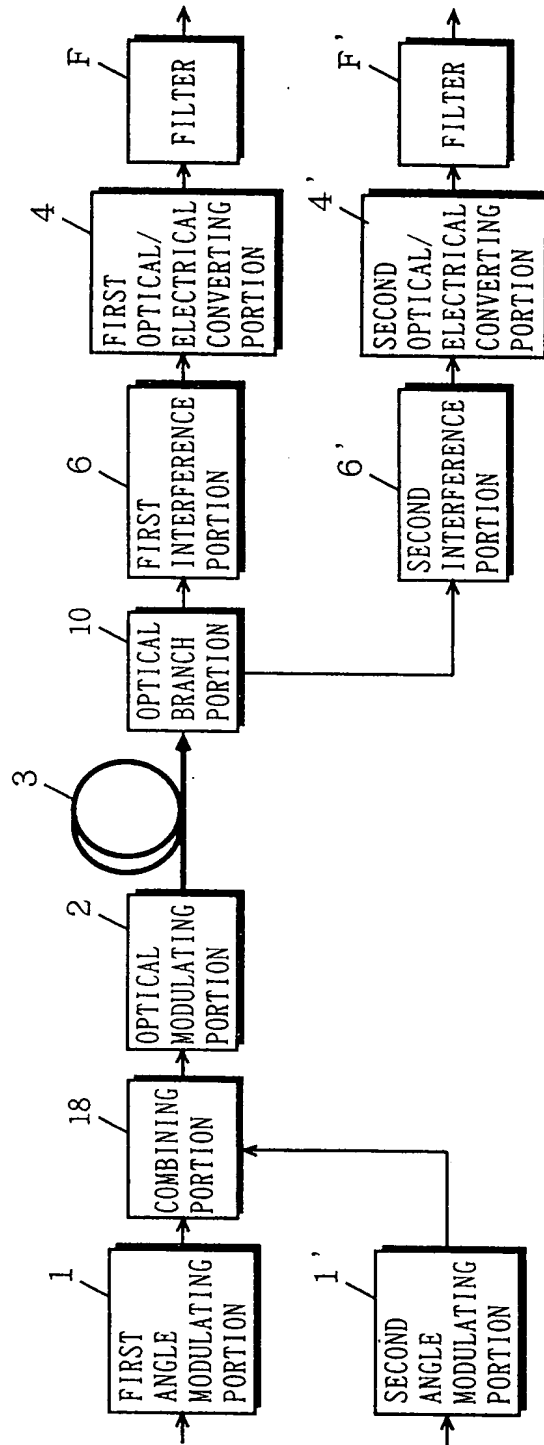


FIG. 26

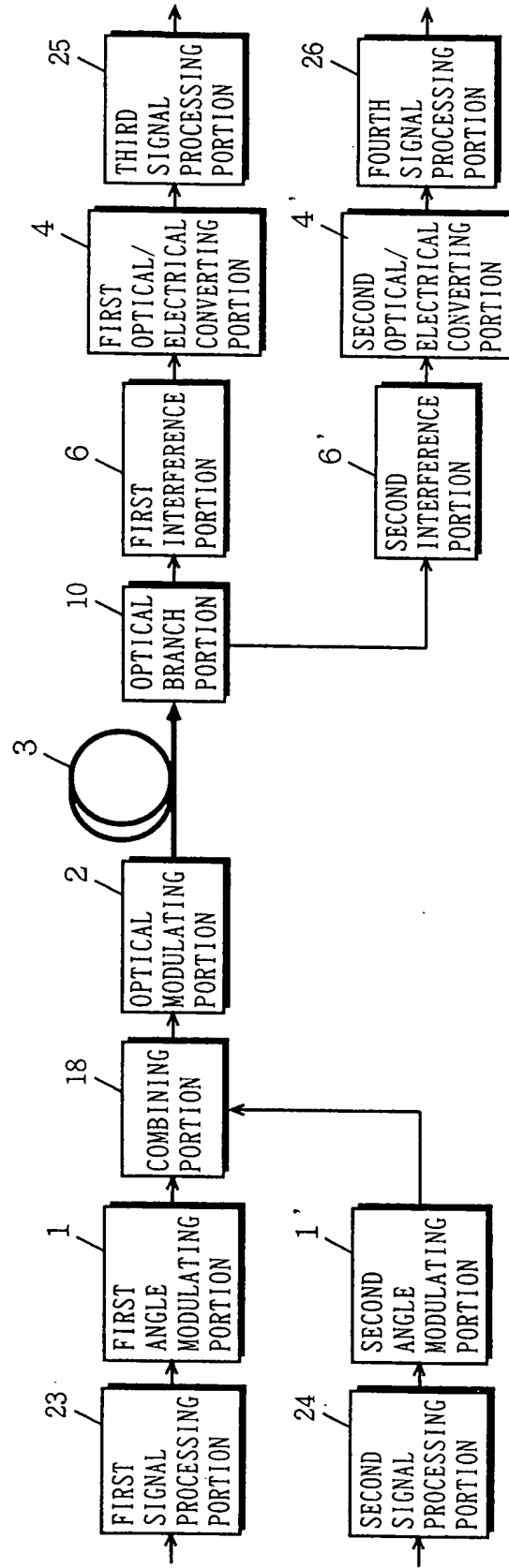


FIG. 27

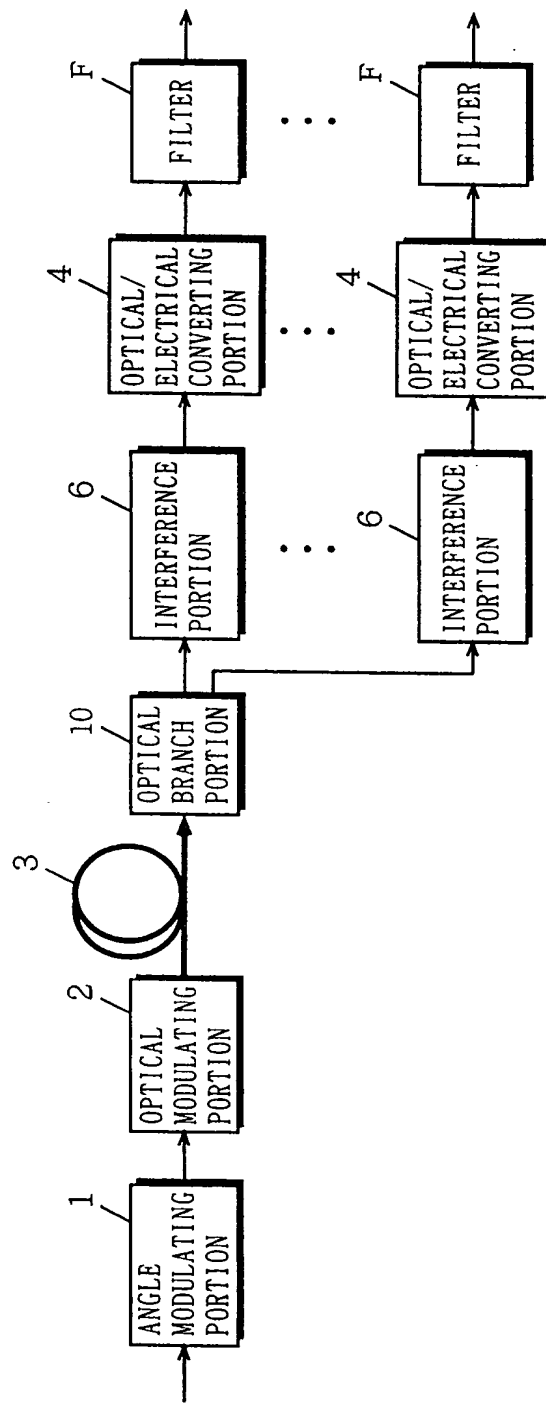


FIG. 28

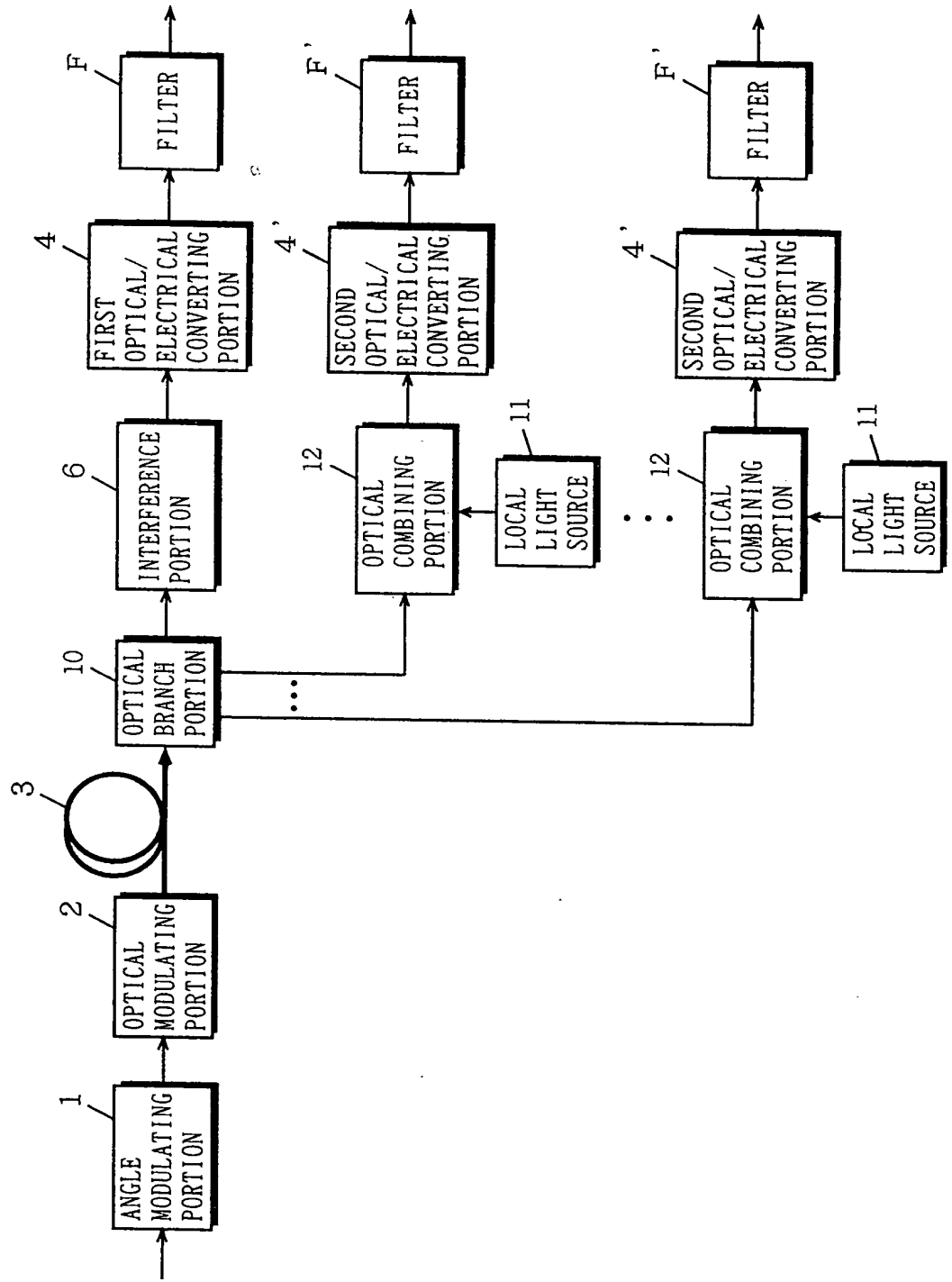


FIG. 29

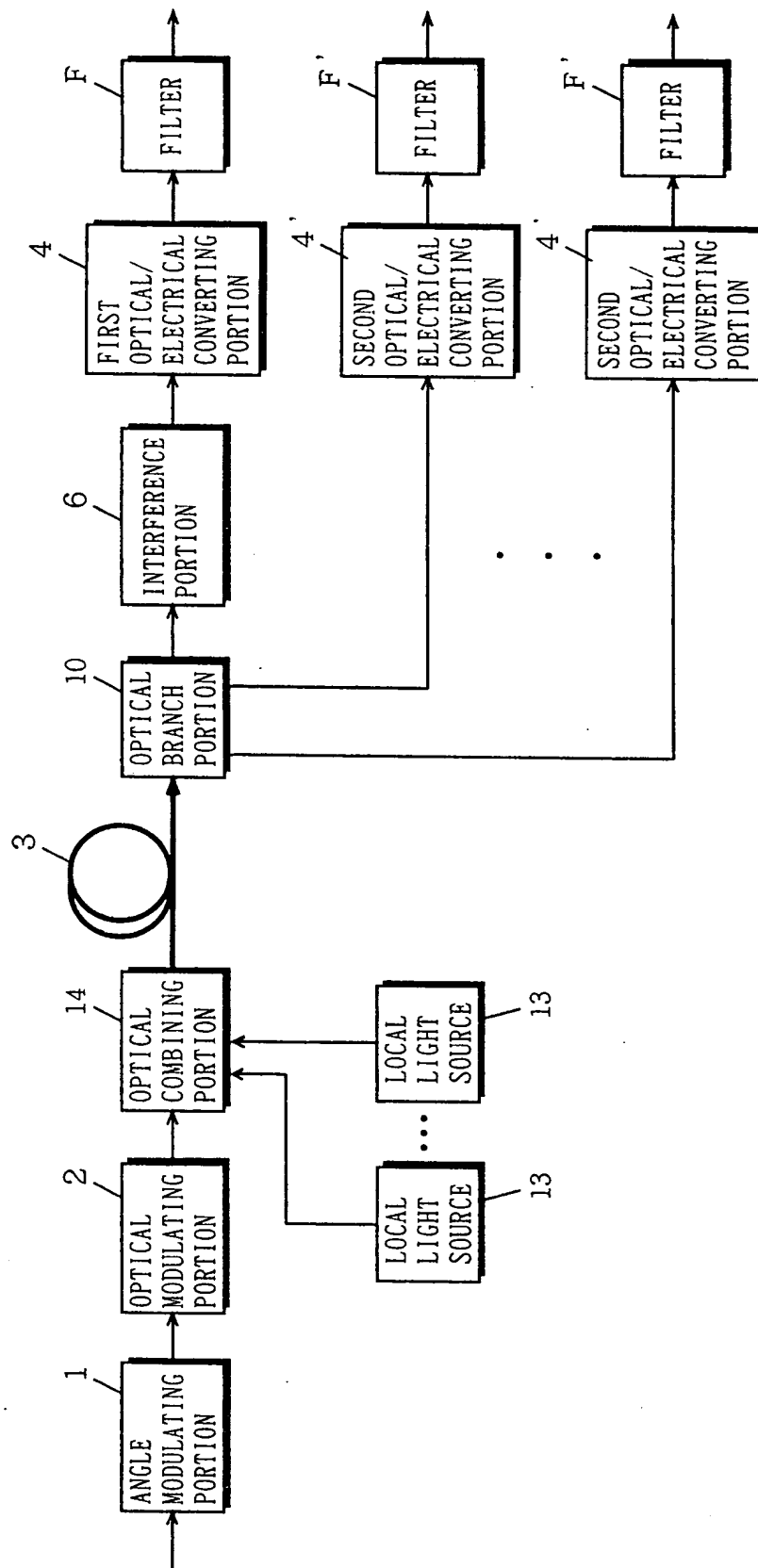


FIG. 30 PRIOR ART

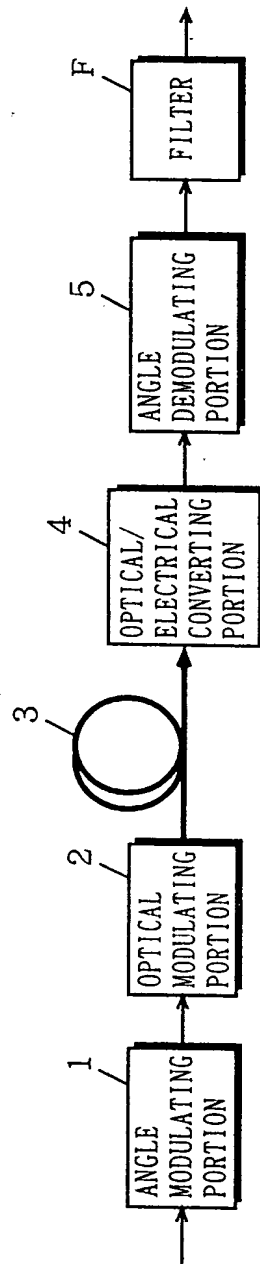


FIG. 31 PRIOR ART

